

10/539891
JC06 Rec'd PCT/PTO, 17 JUN 2005

Docket No.: 13478-00001-US
(PATENT)

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of:
Johnathan A. Napier et al.

Application No.: Not Yet Assigned

Confirmation No.: N/A

Filed: Concurrently Herewith

Art Unit: N/A

For: NOVEL METHOD FOR THE PRODUCTION
OF POLYUNSATURATED FATTY ACIDS

Examiner: Not Yet Assigned

INFORMATION DISCLOSURE STATEMENT (IDS)

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Dear Sir:

Pursuant to 37 CFR 1.56, 1.97 and 1.98, the attention of the Patent and Trademark Office is hereby directed to the references listed on the attached PTO/SB/08. It is respectfully requested that the information be expressly considered during the prosecution of this application, and that the references be made of record therein and appear among the "References Cited" on any patent to issue therefrom.

Of the documents listed on the attached SB/08 are the patent documents cited in the International Search Report and International Preliminary Examination Report during the prosecution of international application no. PCT/EP 04/057001, which corresponds to the above referenced application, and in accordance with 37 CFR 1.97(b)(2), Applicants hereby submit these documents for the Examiner's consideration. Copies of the International Search Report and International Preliminary Examination Report and of each document required under 37 CFR 1.98(a)(2) are enclosed as well.

This statement is not to be interpreted as a representation that the cited documents are material, that an exhaustive search has been conducted, or that no other relevant information

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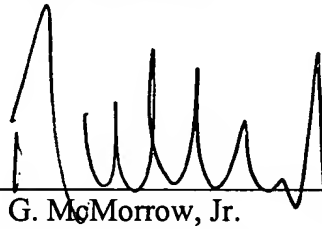
Application No.: Not Yet Assigned

exists. Nor shall the citation of any document herein be construed *per se* as a representation that such document is prior art. Moreover, Applicants understand the Examiner will make an independent evaluation of the cited documents.

Applicant believes no fee is due with this Information Disclosure Statement. However, if a fee is due, please charge our Deposit Account No. 03-2775, under Order No. 13478-00001-US from which the undersigned is authorized to draw.

Dated: June 17, 2005

Respectfully submitted,

By 

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Substitute for form 1449A/B/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use as many sheets as necessary)				Complete if Known	
				Application Number	Not Yet Assigned 10/539891
				Filing Date	Concurrently Herewith
				First Named Inventor	Johnathan A. Napier
				Art Unit	N/A
				Examiner Name	Not Yet Assigned
Sheet	2	of	3	Attorney Docket Number	13478-00001-US

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NON PATENT LITERATURE DOCUMENTS				
Examiner Initials	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²	
	CA	Abbadi et al., "Transgenic Oilseeds As Sustainable Source of Nutritionally Relevant C20 and C22 Polyunsaturated Fatty Acids?", Eur. J. Lipid Sci. Technol. 103 (2001), pp. 106-113.		
	CB	Akermoun et al., "Complex Lipid Biosynthesis: Phospholipid Synthesis", Biochemical Society Transactions 28 (2000), pp. 713-715.		
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	CH	Huang et al., "Cloning of Δ12- and Δ6-Desaturases From <i>Mortierella alpina</i> and Recombinant Production of γ-Linolenic Acid in <i>Saccharomyces cerevisiae</i> ", Lipids 34, 7 (1999), pp. 649-659.		
	CI	Knutzon et al., "Cloning of a Coconut Endosperm cDNA Encoding a 1-Acyl-sn-Glycerol-3-Phosphate Acyltransferase That Accepts Medium-Chain-Length Substrates", Plant Physiol. 109 (1995), pp. 999-1006.		
	CJ	Lands, W. E. M., "Metabolism of Glycerolipids. II. The Enzymatic Acylation Of Lysolecithin", The Journal of Biological Chemistry, 235, 8 (1960), pp. 2233-2237.		
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	CL	Mikolajczak et al., "Search for New Industrial Oils. V. Oils of Cruciferae", Journal of the American Oil Chemists' Society 38 (1961), pp. 678-681.		
	CM	Qi et al., "Identification of a cDNA Encoding a Novel C18-Δ ⁹ Polyunsaturated Fatty Acid-Specific Elongating Activity From The Docosahexaenoic Acid (DHA)-Producing Microalga, <i>Isochrysis galbana</i> ", FEBS Letters 510 (2002), pp. 159-165.		
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	CO	Stukey et al., "The OLE1 Gene Of <i>Saccharomyces cerevisiae</i> Encodes The Δ9 Fatty Acid Desaturase And Can Be Functionally Replaced By The Rat Stearoyl-CoA Desaturase Gene", The Journal of Biological Chemistry 265, 33 (1990), pp. 20144-20149.		
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Examiner Signature	Date Considered
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				Attorney Docket Number	13478-00001-US
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	CV	Zank et al. "Cloning And Functional Expression Of The First Plant Fatty Acid Elongase Specific For Δ^6 -Polyunsaturated Fatty Acids", Biochemical Society Transactions 28 (2000), pp. 654-658.	
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Approved for use through 07/31/2006. OMB 0651-0031

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
	AA	US-5,614,393	03-25-1997	Thomas et al.	
	AB	US-5,968,791	10-19-1999	Davies et al.	
	AC	US-6,043,411	03-28-2000	Nishizawa et al.	
	AD	US-2002/0138874	09-26-2002	Mukerji et al.	

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Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	† ⁶
		Country Code ³ -Number ⁴ -Kind Code ⁵ (if known)				
	BA	EP-0 550 162 /	07-07-1993	Pioneer Hi-Bred International, Inc.		
	BB	EP-0 794 250 /	09-10-1997	Soremartec S.A. & Ferrero S.p.A.		
	BC	WO-00/18889 /	04-06-2000	Calgene LLC		
	BD	WO-00/21557 /	04-20-2000	Merck & Co., Inc.		
	BE	WO-00/34439 /	06-15-2000	Washington State University Research Foundation		
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	BH	WO-93/06712 /	04-15-1993	Rhone-Poulenc Agrochimie		
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	BL	WO-95/18222 /	07-06-1995	Kirin Beer Kabushiki Kaisha	See US 6,043,411	
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	BR	WO-98/46764 /	10-22-1998	Calgene LLC & Abbott Laboratories		
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	BW	WO-99/64616 /	12-16-1999	Abbott Laboratories		
	BX	WO-02/077213 /	10-03-2002	University of Bristol		

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